

## Patent Claims

- 5           1. Use of 5-HT<sub>2</sub> receptor antagonists and physiologically acceptable salts and solvates thereof for the preparation of a medicament for extending both non-REM sleep and REM sleep.
- 10           2. Use according to Claim 1, characterised in that the 5-HT<sub>2a</sub> receptor antagonists are of the 5-HT<sub>2a</sub> sub-type.
- 15           3. Use of 5-HT<sub>2a</sub> receptor antagonists according to Claim 2, selected from a group consisting of  
(a) (3-aminocarbonyl-1H-indol-7-yl)-[4-(4-fluorophenethyl)piperazin-1-yl]methanone,  
(b) (3-cyano-1H-indol-7-yl)-[4-(4-fluorophenethyl)piperazin-1-yl]-methanone  
and physiologically acceptable salts and solvates thereof for the  
20           preparation of a medicament for extending both non-REM sleep and REM sleep.
- 25           4. Use of (3-cyano-1H-indol-7-yl)-[4-(4-fluorophenethyl)piperazin-1-yl]-methanone and physiologically acceptable salts and solvates thereof for the preparation of a medicament for extending both non-REM sleep and REM sleep.
- 30           5. Use of 5-HT<sub>2</sub> receptor antagonists and physiologically acceptable salts and solvates thereof according to one or more of Claims 1 to 4 for the preparation of a medicament for the treatment of difficulties in falling asleep and staying asleep and premature awakening in the morning.

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6. Use of 5-HT<sub>2</sub> receptor antagonists and physiologically acceptable salts and solvates thereof according to one or more of Claims 1 to 5 in combination with one or more further sleeping drugs.

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